



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

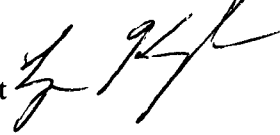
Ted Stewart  
Executive Director

James W. Carter  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

July 18, 1996

TO: Minerals File

FROM: Lynn Kunzler, Reclamation Specialist 

RE: Site Inspection, Interstate Brick, Cottonwood Mine, M/035/003, Salt Lake County, Utah

Date of Inspection: July 3, 1996  
Time of Inspection: 10:30am  
Conditions: clear  
Participants: Walt Plumb; Tony Gallegos and Lynn Kunzler, DOGM

Purpose of Inspection: Determine level of reclamation success.

Upon arrival at the site, ten random transects were run to determine the percent ground cover of the reclamation. Results of this survey identified ground cover at 24%. The reclamation success standard (pre-existing vegetation cover was reported as 25% brush and 10% oak for a combined cover of 35%) would be 24.5%. Over 20 desirable species were observed while determining the vegetation cover, including yellow sweetclover, sagebrush, oakbrush, rabbit brush, california poppy, blue flax, cone flower, and bluebunch wheatgrass.

General observations of the site showed a few small areas of low vegetation cover (these areas had a significant amount of surface rubble (rock) that was probably limiting the vegetation success). No evidence of erosion problems were observed. Overall, the site appeared stable and revegetation was well on its way with a diverse vegetation community establishing.

In discussing the future of the site with Walt Plumb, he indicated that as soon as the site was released, that he would be adding sprinkler systems, landscaping plantings, additional topsoil in critical areas etc. to develop the 'no build zone' into a park for the local residents. This would be expected to improve the cover and stability of the site.

Pursuant to Rule R647-4-111.13, reclamation can be considered successful when the revegetation has reached 70% of the premining ground cover and has survived for three growing seasons following the last seeding, fertilization or irrigation, unless such practices are to continue as part of the post-mining land use; or the Division determines that the revegetation work has been satisfactorily completed within practical limits.

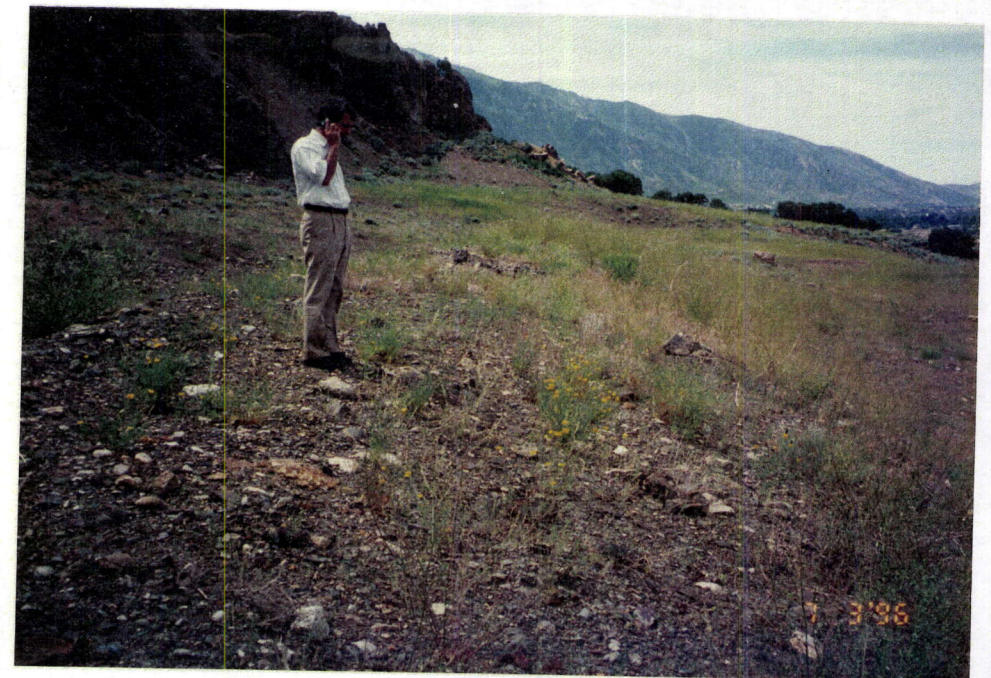
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The area was seeded in 1994 following additional earth work to increase safety from any debris flows from above the site. Additional seeding was also done in the spring of 1995. While only two growing seasons have passed since the last seeding, the percent ground cover is within ½ of a percent of the success standard. However, it is likely that the '10% oak' cover would not all be ground cover, but would include some canopy cover, a reduction of less than 1% of the ground cover would mean that the revegetation success standard has been achieved. Given the level of ground cover and the diversity of species on site, the Division would not require additional work at this site to meet success standards - only time (one more growing season would be needed). Division personnel have been informed that seeding and irrigation will continue as part of the post mining land use. By applying this disclaimer, the initial seeding has survived the three growing seasons. It is recommended therefore, that this site be released from further regulation under the Mined Land Reclamation Act.

cc: Jerry North, Interstate Brick Company  
Walt Plumb, Landowner  
M035003.ins



LOW WOOD





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